

Social networks analysis

Students must acquire knowledge, skills in network analysis, interpretation of the results of such analysis. The course studies modern information technologies and network visualization tools.

According to the requirements of the curriculum, students after mastering the credit module must demonstrate the following learning outcomes:

knowledge:

- history of social networks studying;
- basic concepts of network analysis;
- methods and techniques of social networks analysis

skills:

- work with computer tools for networks data analysis (Gephi, Netlogo, R, SPSS);
- explore various kinds of social networks comprehensively;
- choose adequate methods of network analysis in accordance with the research tasks.
- develop of competencies in the field of application of networks analysis and computer tools in future professional activities.